

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁷ :

G01N 5/10, 21/88

A1

(11) International Publication Number:

WO 00/23786

(43) International Publication Date:

27 April 2000 (27.04.00)

(21) International Application Number: PCT/SE99/01878

(22) International Filing Date: 19 October 1999 (19.10.99)

(30) Priority Data:

9803557-9

19 October 1998 (19.10.98)

SE

(71) Applicant (for all designated States except US): FIBER-TRACKER AB [SE/SE]; S-184 84 Åkersberga (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KARLSSON, Håkan, Ingvar [SE/SE]; Gransåtravägen 76, S-184 61 Åkersberga (SE). FRANSSON, Per-Ivar [SE/SE]; Ekbacksvägen 31, S-184 32 Åkersberga (SE).

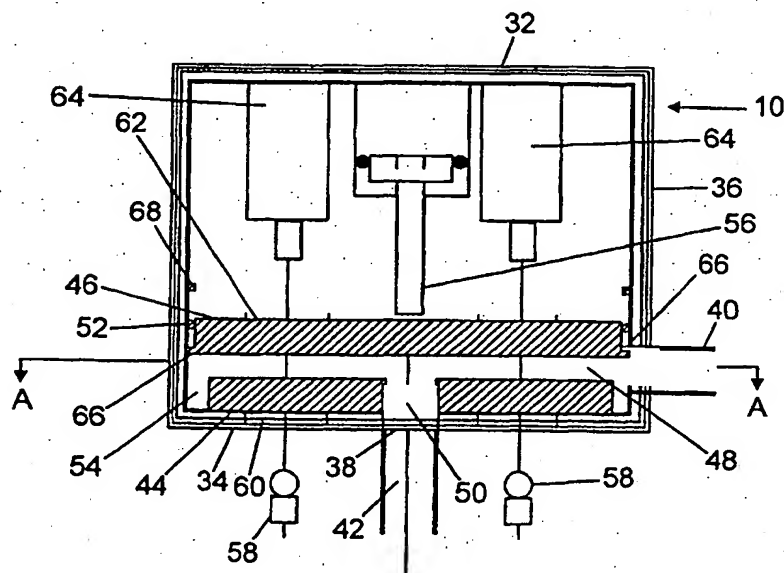
(74) Agents: BERNHULT, Lennart et al.; AB Stockholms Patentbyrå, Zacco & Bruhn, P.O. Box 23101, S-104 35 Stockholm (SE).

(81) Designated States: CA, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published

*With international search report.**Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.**In English translation (filed in Swedish).*

(54) Title: MEASURING OF FIBER PROPERTIES



(57) Abstract

Device for measuring fibre properties in a flowing suspension. The device includes a measuring cell (10) in which there is a measuring field (48) defined between two limiting surfaces and a means (56) of adjusting the width of the measuring field. The limiting surfaces have two opposing, transparent sections (60, 62) that allow illumination through the flowing suspension passing through and measurement by optical means. In addition, the measuring cell (10) has an inlet opening (38) intended for the whole of the suspension flow and an outlet opening (40) intended for the whole of the suspension flow.